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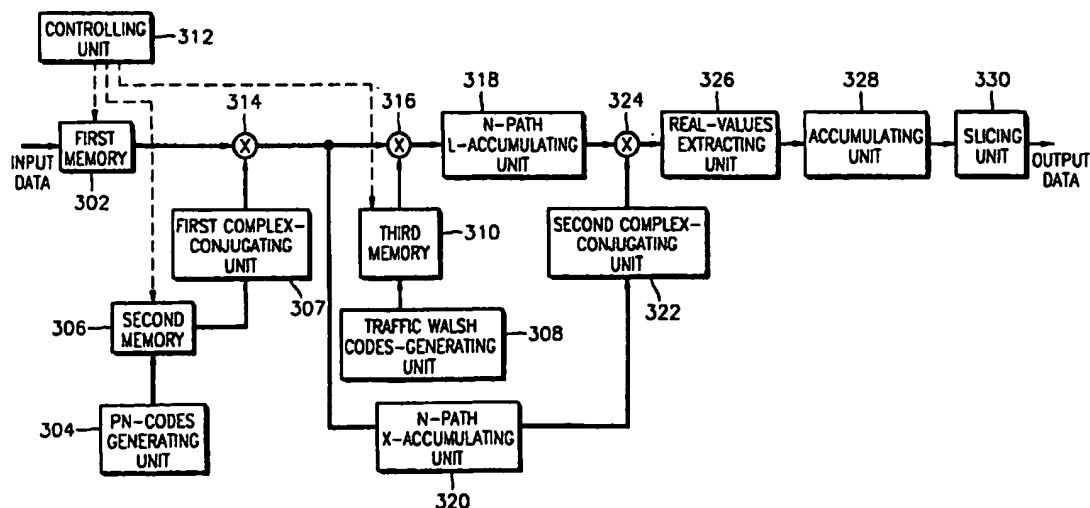
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(54) A CDMA demodulating method and demodulator

(57) The invention provides a code division multiple access (CDMA) demodulating method and demodulator in which the received signal is stored in a first memory (302), the PN-codes used are stored in a memory (306) after being generated by PN-codes generating unit (304) and the traffic Walsh codes used are stored in a

third memory (310) after being generated by traffic Walsh codes generating unit (308). The RAKE processing is carried out on the stored signal and codes reducing the number of necessary devices in the CDMA receiver, thereby reducing the complexity and power consumption of the demodulator.

FIG. 3





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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 5881

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1 E	US 6 173 008 B1 (LEE JI-WON) 9 January 2001 (2001-01-09) * figure 2 * * column 2, line 40 - line 44 * * column 3, line 42 - line 49 * * column 4, line 58 - line 67 * * column 5, line 7 - line 15 * & CN 1 198 049 A 4 November 1998 (1998-11-04) ---	1-8	H04B1/707
3 A	PRASAD - OJANPERA: "Wideband CDMA for third generation mobile communications" 1998, ARTECH HOUSE XP002233571 * page 288 - page 291 * * figure 10.7 * ---	1,2,4	
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Place of search BERLIN		Date of completion of the search 18 March 2003	Examiner Chave, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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